



Substitute for form 1449A/PTO				Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		09/421,575		
				Filing Date		October 20, 1999		
				First Inventor		Ichiro KASAI		
				Group Art Unit		2872		
				Examiner Name		To Be Assigned C. Curtis		
				Attorney Docket No.		15162/00910		
Sheet	1	of	1					
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite #	DOCUMENT NUMBER	C O D E	PATENTEE	ISSUE DATE (mm/dd/yy)	CLASS	SUB CLASS	Filing Date if Appropriate
		4,576,458		Cho et al	03/18/86	354	199	
		4,027,327		Harada	05/31/77	354	201	
FOREIGN PATENT DOCUMENTS								
Examiner Initials		O F F I C E	NUMBER	C O D E	PUBLICATION DATE (mm/dd/yy)	TRANSLATION Yes No		
			JP 59-185319		10/20/84		X	
			JP 51-19530		2/16/76		X	
			JP 58-27504					
			JP 53-46508		12/27/93	Abstract Only		
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
	NONE							
Examiner Signature	Craig H. Curtis				Date Considered	12/6/01		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.